

# **OIL ANALYSIS REPORT**

#### Sample Rating Trend



## Machine Id 180131

Component Diesel Engine

Fluid PETRO CANADA DURON SHP 10W30 (--- GAL)

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

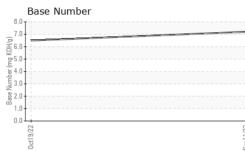
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

| AL)  |   |  | 0ct2022  | Sep2023  |   |  |
|--|---|--|--|--|---|--|
| SAMPLE INFORM  | MATION  | method   | limit/base   | current  | history1  | history2   |
| Sample Number  |   | Client Info  |  | PCA0088664   | PCA0051830  |  |
| Sample Date  |   | Client Info  |  | 11 Sep 2023  | 19 Oct 2022   |  |
| Machine Age  | mls   | Client Info  |  | 545122   | 526508  |  |
| Oil Age  | mls   | Client Info  |  | 545122   | 0   |  |
| Oil Changed  |   | Client Info  |  | Changed  | Changed   |  |
| Sample Status  |   |  |  | NORMAL   | NORMAL  |  |
| CONTAMINAT   | ION   | method   | limit/base   | current  | history1  | history2   |
| Fuel   |   | WC Method  | >5   | <1.0   | <1.0  |  |
| Glycol   |   | WC Method  |  | NEG  | NEG   |  |
| WEAR METAL   | S   | method   | limit/base   | current  | history1  | history2   |
| Iron   | ppm   | ASTM D5185m  | >100   | 30   | 18  |  |
| Chromium   | ppm   | ASTM D5185m  |  | 2  | <1  |  |
| Nickel   | ppm   | ASTM D5185m  | >4   | 0  | 0   |  |
| Titanium   | ppm   | ASTM D5185m  |  | 0  | <1  |  |
| Silver   | ppm   | ASTM D5185m  | >3   | 0  | 0   |  |
| Aluminum   | ppm   | ASTM D5185m  |  | 11   | 6   |  |
| Lead   | ppm   | ASTM D5185m  |  | 0  | 0   |  |
| Copper   | ppm   | ASTM D5185m  |  | 5  | 3   |  |
| Tin  | ppm   | ASTM D5185m  |  | <1   | <1  |  |
| Vanadium   | ppm   | ASTM D5185m  |  | 0  | 0   |  |
| Cadmium  | ppm   | ASTM D5185m  |  | 0  | 0   |  |
| ADDITIVES  |   | method   | limit/base   | current  | history1  | history2   |
| Boron  | nnm   | ASTM D5185m  | 2  | 4  | 22  |  |
|  |   |  | -  | -  |   |  |
|  | ppm<br>ppm  |  | 0  | 0  | 0   |  |
| Barium   | ppm   | ASTM D5185m  | 0<br>50  | 0<br>54  | 0   |  |
| Barium<br>Molybdenum   | ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m   | 50   | 54   | 6   |  |
| Barium<br>Molybdenum<br>Manganese  | ppm<br>ppm<br>ppm   | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 50<br>0  | 54<br><1   | 6<br><1   |  |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium   | ppm<br>ppm<br>ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950   | 54<br><1<br>916  | 6<br><1<br>679  |  |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium  | ppm<br>ppm<br>ppm<br>ppm<br>ppm   | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 50<br>0<br>950<br>1050   | 54<br><1<br>916<br>1130  | 6<br><1<br>679<br>1407  |  |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995  | 54<br><1<br>916<br>1130<br>1083  | 6<br><1<br>679<br>1407<br>719   | <br><br>   |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180  | 54<br><1<br>916<br>1130<br>1083<br>1178  | 6<br><1<br>679<br>1407<br>719<br>860  |  |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm                                   | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600  | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823  | 6<br><1<br>679<br>1407<br>719<br>860<br>3147  | <br><br><br><br>   |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm                            | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>limit/base  | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current   | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1  | <br><br><br>   |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>limit/base  | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5  | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5   | <br><br><br><br>history2                                 |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>limit/base<br>>25   | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4   | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2  | <br><br><br><br>history2<br>                             |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br><b>limit/base</b><br>>25<br>>20   | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4  | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5   | <br><br><br><br>history2<br><br>                         |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm        | ASTM D5185m<br>ASTM D5185m  | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>imit/base<br>>25<br>>20   | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>current                                  | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5<br>5<br>history1                                    | <br><br><br><br>history2<br><br><br>history2             |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm        | ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br><i>limit/base</i><br>>25<br>>20<br><i>limit/base</i><br>>3                | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>current<br>0.6                           | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5<br>5<br>history1<br>0.9                             | <br><br><br><br>history2<br><br><br>history2             |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration                              | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m<br>ASTM D5185m   | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br><b>limit/base</b><br>>25<br>>20<br><b>limit/base</b><br>>3<br>>20         | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>0.6<br>9.3                               | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br><b>history1</b><br>5<br>2<br>5<br><b>history1</b><br>0.9<br>12.0            | <br><br><br><br>history2<br><br>history2                 |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration<br>Sulfation                 | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm              | ASTM D5185m<br>ASTM D5185m               | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br><b>limit/base</b><br>>25<br>>20<br><b>limit/base</b><br>>3<br>>20         | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>current<br>0.6<br>9.3<br>21.6            | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5<br><u>history1</u><br>0.9<br>12.0<br>26.5           | <br><br><br><br>history2<br><br>history2<br><br>history2 |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration<br>Sulfation<br>FLUID DEGRAE | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm              | ASTM D5185m<br>ASTM D7844<br>*ASTM D7624<br>*ASTM D7415 | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>imit/base<br>>25<br>20<br>20<br>imit/base<br>>3<br>>20<br>30<br>imit/base | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>current<br>0.6<br>9.3<br>21.6<br>current | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5<br>5<br>history1<br>0.9<br>12.0<br>26.5<br>history1 | <br><br><br><br>history2<br><br>history2                 |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration<br>Sulfation                 | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm              | ASTM D5185m<br>ASTM D5185m               | 50<br>0<br>950<br>1050<br>995<br>1180<br>2600<br>imit/base<br>>25<br>20<br>20<br>imit/base<br>>3<br>>20<br>30<br>imit/base | 54<br><1<br>916<br>1130<br>1083<br>1178<br>2823<br>current<br>5<br>4<br>4<br>4<br>current<br>0.6<br>9.3<br>21.6            | 6<br><1<br>679<br>1407<br>719<br>860<br>3147<br>history1<br>5<br>2<br>5<br><u>history1</u><br>0.9<br>12.0<br>26.5           | <br><br><br><br>history2<br><br>history2<br><br>history2 |

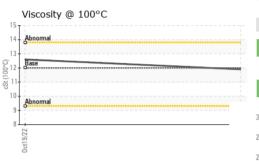


# **OIL ANALYSIS REPORT**

VISUAI







| VISUAL           |         | method  | limit/base   | current     | history1 | history2 |
|------------------|---------|---|--|-------------|----------|----------|
| White Metal      | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Yellow Metal     | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Precipitate      | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Silt             | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Debris           | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Sand/Dirt        | scalar  | *Visual   | NONE   | NONE        | NONE     |          |
| Appearance       | scalar  | *Visual   | NORML  | NORML       | NORML    |          |
| Odor             | scalar  | *Visual   | NORML  | NORML       | NORML    |          |
| Emulsified Water | scalar  | *Visual   | >0.2   | NEG         | NEG      |          |
| Free Water       | scalar  | *Visual   |  | NEG         | NEG      |          |
| FLUID PROPE      | RTIES   | method  | limit/base   | current     | history1 | history  |
| Visc @ 100°C     | cSt     | ASTM D445   | 12.00  | 11.9        | 12.6     |          |
| GRAPHS           |         |   |  |             |          |          |
| Ferrous Alloys   |         |   |  |             |          |          |
| 30 iron          |         | and the second second   | and the second   |             |          |          |
| 25 - chromium    |         | and the second se |  |             |          |          |
| 20 -             |         |   |  |             |          |          |
| <u>۾</u> 15-     |         |   |  |             |          |          |
|                  |         |   |  |             |          |          |
| 10               |         |   |  |             |          |          |
| 5                |         |   |  |             |          |          |
| 0                |         |   | ******   |             |          |          |
| 0                |         |   |  |             |          |          |
| 0                | ******* |   | 1/23   |             |          |          |
| 0ct19/22         | ******  |   | Sep11/23   |             |          |          |
| 0                | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep 11/23  |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta | ls      |   | Sep11/23   |             |          |          |
| Non-ferrous Meta |         |   |  |             |          |          |
| Non-ferrous Meta |         |   |  |             |          |          |
| Non-ferrous Meta |         |   |  |             |          |          |
| Non-ferrous Meta |         |   |  | Base Number | r        |          |
| Non-ferrous Meta |         |   |  | Base Number | r        |          |
| Non-ferrous Meta |         |   | 52/11 Care<br>8.0<br>7.0   | Base Number | ٢        |          |
| Non-ferrous Meta |         |   | 52/11 Care<br>8.0<br>7.0   | Base Number | r        |          |
| Non-ferrous Meta |         |   | 52/11 Care<br>8.0<br>7.0   | Base Number | r        |          |
| Non-ferrous Meta |         |   | 52/11 Care<br>8.0<br>7.0   | Base Number | r        |          |
| Non-ferrous Meta |         |   | 8.0<br>7.0<br>00000 (000 (000 (000 (000 (000 (000 (  |             |          |          |
| Non-ferrous Meta |         |   | 52/11 Care<br>8.0<br>7.0   |             |          |          |
| Non-ferrous Meta |         |   | 8.0<br>7.0<br>00000 (000 (000 (000 (000 (000 (000 (  |             |          |          |
| Non-ferrous Meta |         |   | 8.0<br>7.0<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00H(0)<br>9.00 |             |          |          |
| Non-ferrous Meta |         |   | 8.0<br>7.0<br>(b)(HOX bu) 4.0<br>9.0<br>8.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9.0<br>9  |             |          |          |



2169 MUSTANG DR MOUNDS VIEW, MN US 55112 Contact: FRANK DIETZ frank.dietz@mmeinc.com T: (763)225-6382 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: x:

Certificate L2367

Lab Number

Unique Number : 10722406

Test Package : FLEET

: 05994046

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Diagnosed

Diagnostician : Wes Davis

: 31 Oct 2023